(12/8/2008) OGMCOAL - Centennial Mine Water Quality Reports First and Second Quarter 2008

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From:

April Abate

To:

Dave Shaver

CC:

Jim Smith; Karla Knoop; OGMCOAL@utah.gov

Date:

12/4/2008 1:07 PM

Subject:

Centennial Mine Water Quality Reports First and Second Quarter 2008

Place:

OGMCOAL@utah.gov

Attachments: 0017.pdf; 0018.pdf; April Abate.vcf

Dear Dave,

Here are the Centennial Mine water quality reports for Q1 and Q2 2008. As we discussed on the phone, we have an outstanding amendment approving the new water monitoring plan prepared by JBR. Give me a call when you are ready to submit this and we can discuss how best to incorporate it into the existing MRP.

Have a great weekend.

April

April A. Abate

Environmental Scientist II Division of Oil, Gas and Mining 1594 W. North Temple, Suite 1210 Salt Lake City, Utah 84114-5801 T: 801.538.5214 F: 801.359.3940 M: 801.232.1339

()utgoing C/007/0019

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

November 26, 2008

	110 Velilider 20, 2000		
TO: THRU: FROM: SUBJECT:	Internal File James D. Smith, Permit Supervisor April A. Abate, Environmental Scientist II 2008 First Quarter Water Monitoring, Andalex Resc C/007/0019, Task ID #2695		nial Mine,
The Centenni currently take	al Mine is currently in temporary cessation. No mini place there, nor is the site in active reclamation.	ng or coal prod	essing activities
amendment to Consultants (I L.L.C. (the P discrepancies monitoring or presently local sampling local The water mon MRP pertain outstanding an order to imple	the Division of Oil, Gas, and Mining (the Division revise the existing operational water monitoring requirements). The purpose of submitting the water-modentified by Division personnel within the MRP perational requirements at the Centennial mine. Water the din Sections 711.300 pages 7-2 through 7-10 and Actions are shown on Figure IV-11. Initoring plan prepared by JBR is intended to supercing to water monitoring. The Division has notified mendment and the Permittee has indicated that they intermed the new water monitoring plan prepared by JBR is monitoring plan will go into effect as of first quarter monitoring plan will go into effect as of first quarter.	uirements. JBF on behalf of An nonitoring plan and revise the er-monitoring plan Appendix L of the detection of the Permitted the Permitted by the end of 20	R Environmental dalex Resources, was to correct existing water requirements are the MRP. Water g sections of the exercise regarding the he amendment in
1. Were data	a submitted for all of the MRP required sites?		
Springs		YES 🖂	NO 🗌
None of the s	prings were inaccessible to sample.		
Streams		YES 🖂	№ □

With the exception of sample point 18-3 (Left Fork of Deadman W streams/ponds had flow, or were inaccessible to sample.	ash), none of the	ne	
Wells	YES 🛚	№ □	
Well #1 was dry.			
UPDES	YES 🛛	NO 🗌	
No discharge from sample locations 001, 002, and 003 were reported for the first quarter of 2008. Data were submitted from sample location 004, Aberdeen Mine Discharge point.			
Pond .	YES 🛚	NO 🗌	
The stock watering pond 31-1 sampling location could not be accessed during the first quarter of 2008.			
2. Were all required parameters reported for each site?			
Springs and Pond Not applicable this quarter.	YES	№ □	
Streams	YES 🛛	NO 🗌	
Where applicable			
Wells	YES	NO 🗌	
Not applicable this quarter.			
UPDES	YES 🛛	NO 🗌	
Where applicable			
3. Were any irregularities found in the data?			
Listed parameters were more than two standard deviations from the mean. An asterisk (*) indicates this is not a parameter specifically required by the MRP.			
Springs and Pond	YES 🗌	NO 🗌	

	Not applicable this quarter.			
	Streams	YES 🗌	NO 🛛	
	Wells Not applicable this quarter.	YES 🗌	NO 🗌	
	UPDES	YES 🛛	NO 🗌	
	Discharges were reported from sampling location point this sample point for the first quarter of 2008, the co (TDS) averaged 1563 milligrams per liter (mg/L) in a TDS discharge limitation under the mine UPDES Permindicates that if each outfall cannot achieve a 30-day Permittee is limited to one ton (2000 lbs) per day as the is well within these requirements.	ncentration of tota 30-day period. Thit is 500 mg/L. Ho average TDS of 50	I dissolved solid he 30-day averago wever, the permi 00 mg/L, then th	s e it e
4.	Did the Permittee make a timely submittal of all data, i and satisfactorily explain irregular data?	including initially YES 🏻	missing data, NO []	
5.	Does the Mine Permittee need to submit more information monitoring requirements?	tion to fulfill this YES	quarter's NO ⊠	
6.	Based on your review, what further actions, if any, do	you recommend?		
	Stream sampling point locations 17-1, 17-2, 8-1, 25-2 were conditionally approved by the Division to be el The Permittee to date has not submitted the necessary pand subsequently, the locations are still being sampled plan. The Division has notified the Permittee regarding Permittee has indicated that they intend to finalize the anew water monitoring plan prepared by JBR by the end monitoring plan will go into effect as of first quarter 2	iminated from the paperwork to finalize under the original gathe outstanding amendment in order of 2008. Presuma	monitoring plar ze the amendmer water monitorin mendment and th r to implement th	n. e e e

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Follow-up from last quarter, if necessary.
None

7.

WATER QUALITY MEMORANDUM

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Utah Coal Regulatory Program

December 1, 2008

TO:

Internal File

THRU:

James D. Smith, Permit Supervisor

FROM:

April A. Abate, Environmental Scientist II GGC 12108

SUBJECT:

2008 Second Quarter Water Monitoring, Andalex Resources, Centennial Mine,

C/007/0019, Task ID #2695

The Centennial Mine is currently in temporary cessation. No mining or coal processing activities currently take place there, nor is the site in active reclamation.

In June 2007, the Division of Oil, Gas, and Mining (the Division) conditionally-approved an amendment to revise the existing operational water monitoring requirements. JBR Environmental Consultants (JBR) of Sandy, Utah prepared a water monitoring plan on behalf of Andalex Resources, L.L.C. (the Permittee). The purpose of submitting the water-monitoring plan was to correct discrepancies identified by Division personnel within the MRP and revise the existing water monitoring operational requirements at the Centennial mine. Water-monitoring requirements are presently located in Sections 711.300 pages 7-2 through 7-10 and Appendix L of the MRP. Water sampling locations are shown on Figure IV-11.

The water monitoring plan prepared by JBR is intended to supercede the existing sections of the MRP pertaining to water monitoring. The Division has notified the Permittee regarding the outstanding amendment and the Permittee has indicated that they intend to finalize the amendment in order to implement the new water monitoring plan prepared by JBR by the end of 2008. Presumably, the new water monitoring plan will go into effect as of first quarter 2009.

1. Were data submitted for all of the MRP required sites?

Springs YES ☐ NO 🛛

Spring B351 below the stock pond was the only spring flowing this second quarter that could be sampled. However, the sample data indicate that hardness was not analyzed for. Under the existing water monitoring plan, hardness is not a required parameter. Hardness will be required once the new water monitoring plan is implemented.

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Streams	YES 🖂	NO 🗌	
Streams that were reported as not flowing during the second quarter of 2008 were: 8-1, 17-2, 18-2, 18-4, 25-2. All others were sampled in accordance with the existing water monitoring plan.			
Wells	YES 🛛	NO 🗌	
Well #1 was dry.			
UPDES	YES 🛛	NO 🗌	
No discharge from sample locations 001, 002, and 003 were reported for the second quarter of 2008. Data were submitted from sample location 004, Aberdeen Mine Discharge point.			
Pond	YES 🛚	NO 🗌	
The stock watering pond, 31-1 sampling location was reported as not flowing during the second quarter of 2008.			
2. Were all required parameters reported for each site?			
Springs and Pond	YES 🗌	NO 🛛	
See comment under Item #1.			
Streams	YES 🗌	NO 🛛	
Flow data was not reported from sample location 7-1, Right Fork Deadman Wash AB Mine.			
Wells	YES 🛚	NO 🗌	
Not applicable this quarter.			
UPDES	YES 🖂	№ □	
Where applicable			

3. Were any irregularities found in the data?

Listed parameters were more than two standard deviations from the mean. An asterisk (*) indicates this is not a parameter specifically required by the MRP.

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	Springs and Pond	YES	NO 🖾	
	Streams	YES 🖂	NO 🗌	
	B263 INTERMEDIATE REACH OF BUCK/DEE two standard deviation limits for dissolved oxygen Total iron was report outside the two standard devided Deadman Wash BL Mine	and chloride.		he
	Wells Not applicable this quarter.	YES 🗌	NO 🗌	
	UPDES	YES 🖂	NO 🗌	
	Discharges were reported from sampling location point this sample point for the second quarter of 2008, the the two standard deviation limit. Total Dissolved Soper liter (mg/L) in a 30-day period. The 30-day avera UPDES Permit is 500 mg/L. However, the permit achieve a 30-day TDS average of 500 mg/L, then the lbs) per day as the sum from all outfalls. The Permit	concentration of tota olids (TDS) averaged age discharge limitation it indicates that if ear e Permittee is limited	l iron was outs 1,822 milligra on under the m ch outfall can to one ton (2,0	side ams ane anot 000
4.	Did the Permittee make a timely submittal of all data and satisfactorily explain irregular data?	, including initially YES 🔀	missing data, NO	,
5.	Does the Mine Permittee need to submit more inform monitoring requirements?	nation to fulfill this o	quarter's NO ⊠	
6.	Based on your review, what further actions, if any, d	o you recommend?		

Stream sampling point locations 17-1, 17-2, 8-1, 25-2 and spring sampling location S25-1 were conditionally approved by the Division to be eliminated from the monitoring plan. The Permittee to date has not submitted the necessary paperwork to finalize the amendment and subsequently, the locations are still being sampled under the original water monitoring plan. The Division has notified the Permittee regarding the outstanding amendment and the Permittee has indicated that they intend to finalize the amendment in order to implement the new water monitoring plan prepared by JBR by the end of 2008. Presumably, the new water

monitoring plan will go into effect as of first quarter 2009.

7. Follow-up from last quarter, if necessary. None

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